Application Serial No.: 10/664,556
Amendment pursuant to 37 C.F.R. §1.312
Attorney Docket: 5577-280

Amendments To The Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

1. (Previously Presented) A method of displaying data from a data set in a tree map visualization, comprising:

prioritizing the data in the data set so as to associate a priority with respective elements of the data in the data set, where the associated priorities designate a desired sequence to the respective elements of the data set;

predefining a pattern that reflects a desired display pattern for the associated priority of the elements of the data in the data set;

generating the tree map visualization that positions within a display space, a combination of bounding boxes corresponding to the elements of the data in the data set and void regions where no information is displayed, such that each bounding box in the tree map visualization is arranged in priority order based upon the sequence designated by the priority associated with its corresponding element and the predefined pattern and the void regions fill in the remainder of the display space where no bounding box is present; and

displaying the tree map visualization on a display device.

2. (Previously Presented) The method of claim 1, wherein predefining a pattern comprises defining a priority based pattern.

3. (Previously Presented) The method of claim 2, wherein defining a priority based pattern comprises defining a pattern with one of ascending or descending priority diagonally from top to bottom of the tree map visualization.

4. (Previously Presented) The method of claim 1, wherein prioritizing the data in the data set comprises defining a priority value associated with a respective element is based on a data value of the data element utilized in generating the tree map visualization.

5. (Previously Presented) The method of claim 1, wherein prioritizing the data in the data set comprises defining a priority value associated with a respective element based on a data value of the data element that is not utilized in generating the tree map.

6. (Previously Presented) The method of claim 1, wherein prioritizing the data in the data set comprises defining a priority value associated with a respective element based on metadata associated with the data element.

7. (Original) The method of claim 1, wherein prioritizing the data in the data set comprises assigning a unique priority value to each element in the data set.

8. (Previously Presented) The method of claim 1, wherein prioritizing the data in the data set comprises dynamically determining a priority value for each element.

9. (Previously Presented) The method of claim 1, wherein prioritizing the data in the data set comprises statically defining a priority value for each element.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

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15. (Cancelled)

16. (Canceled)

17. (Cancelled)

18. (Cancelled)